

MONTHLY BULLETIN
OF
THE OBSERVATORY
AMERICAN UNIVERSITY OF BEIRUT
BEIRUT, SYRIA

LAT. $33^{\circ} 54' 22''$ N.
LONG. E. FROM GREENWICH $35^{\circ} 28' 10''$

JUNE, 1943

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STATISTICS DIVISION

JUNE 1943

METEOROLOGICAL REGISTER

Date	Barometer reduced to 6C Sea level and 45 Latitude 700 mm. + ...				Thermometer Cent.					
	*8:30	14:30	20:30	Mean	Max.	Min.	8:30	14:30	20:30	Mean
1	61.2	61.9	62.0	61.7	26.1	16.8	21.2	25.4	19.9	22.2
2	2.9	2.8	2.5	2.7	25.9	17.3	21.6	24.4	19.3	21.8
3	2.5	2.0	1.9	2.1	26.4	18.4	22.7	25.6	21.1	23.1
4	2.4	2.7	2.6	2.6	28.8	20.4	23.9	26.6	22.2	24.2
5	2.1	1.5	1.1	1.6	30.1	21.7	25.6	29.4	23.7	26.2
6	59.7	59.2	59.2	59.4	32.0	21.1	26.5	30.2	23.3	26.7
7	60.1	60.4	60.4	60.3	27.3	18.8	23.7	27.2	21.1	24.0
8	0.3	0.1	0.0	0.1	27.7	18.8	23.1	27.1	20.9	23.7
9	0.4	59.6	59.1	59.7	28.0	19.6	23.0	26.0	21.7	23.6
10	58.7	8.6	8.5	8.6	28.4	19.2	24.6	27.7	21.8	24.7
11	59.0	59.3	59.0	59.1	28.2	19.0	24.3	27.4	21.3	24.3
12	9.6	9.1	8.7	9.1	28.8	20.1	24.3	27.1	22.4	24.6
13	8.6	7.9	7.0	7.8	29.2	20.8	24.4	28.6	22.8	25.3
14	6.6	6.0	5.1	5.9	29.1	21.7	24.6	28.3	23.3	25.4
15	4.9	4.9	4.8	4.9	28.8	21.6	24.9	28.3	23.0	25.4
16	54.0	54.3	54.2	54.2	28.8	20.6	25.2	28.1	23.2	25.5
17	5.1	5.1	6.2	5.5	29.2	21.2	25.2	28.9	23.1	25.7
18	6.6	7.2	7.0	6.9	29.2	20.0	25.3	28.6	23.1	25.7
19	7.9	8.1	7.8	7.9	29.3	20.0	24.6	28.8	23.2	25.5
20	8.5	8.5	8.4	8.5	29.2	22.0	24.4	28.2	23.3	25.3
21	58.4	58.4	58.2	58.3	28.8	20.3	26.6	27.9	22.7	25.7
22	8.3	8.4	8.2	8.3	28.7	19.9	24.7	27.9	22.8	25.1
23	7.5	8.4	8.1	8.0	29.5	20.6	24.8	28.4	23.1	25.4
24	8.4	8.2	7.7	8.1	29.9	21.4	25.4	28.2	23.8	25.8
25	8.4	8.0	7.4	7.9	30.5	21.4	26.0	28.8	24.6	26.5
26	57.5	57.4	57.5	57.5	30.5	21.7	26.6	29.5	24.2	26.8
27	8.0	7.9	6.1	7.3	30.6	21.2	25.5	29.3	24.3	26.4
28	7.5	7.4	7.2	7.4	30.2	21.2	26.3	29.8	24.1	26.7
29	7.3	7.2	7.1	7.2	31.0	22.3	25.7	30.3	24.1	26.7
30*	7.1	7.0	6.8	7.0	31.0	21.8	26.2	30.6	25.4	27.4
	58.65	58.58	58.32	58.52	29.04	20.36	24.69	28.08	22.76	25.18

Barometer, range for month 754.0 - 762.9 mm.

,, 62-yr. average for month 758.02 mm.

Thermometer, range for month 16.8° - 32.0° C.

,, 62-yr. average for month 25.50° C.

Rain, total for month 0.0 mm.

,, , 62-yr. average for month 3.56 mm.

,, , total, from Sept. 1st 1131.30 mm

62-yr. average, total from Sept. 1st 883.92 mm

*Summer time

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Day	Elasticity of Vapor mm.				Relative Moisture per cent.				Sun. hrs.	Wind per day	Rain
	8:30	14:30	2:30	Mean	8:30	14:30	20:30	Mean	Hrs.	Kms.	m.m.
1	12.9	14.6	11.8	13.1	69	61	68	66	12.8	400.0	
2	12.7	14.4	13.9	13.7	65	64	83	71	13.4	200.0	
3	14.6	15.3	14.7	14.9	71	63	79	71	13.4	240.0	
4	16.5	16.3	16.8	16.5	74	63	85	74	13.2	208.0	
5	17.3	18.9	13.8	16.7	71	61	63	65	13.3	368.0	
6	17.6	17.6	17.9	17.7	68	55	84	69	13.1	416.0	
7	15.9	16.1	14.6	15.5	72	60	78	70	13.4	504.0	
8	14.1	15.3	15.1	14.8	68	57	81	69	13.4	368.0	
9	14.9	16.5	16.9	16.1	71	66	88	75	13.3	176.0	
10	16.0	16.0	16.2	16.1	70	57	83	70	13.4	216.0	
11	16.2	15.6	15.8	15.9	72	57	83	71	13.0	192.0	
12	16.1	17.2	18.1	17.1	72	65	90	76	12.8	280.0	
13	17.3	18.7	18.5	18.2	76	64	89	76	12.7	160.0	
14	17.6	18.8	18.2	18.2	76	65	85	75	12.9	806.4	
15	16.5	16.7	16.2	16.5	71	58	78	69	12.8	544.0	
16	15.8	17.6	17.0	16.8	66	62	81	70	12.8	464.0	
17	17.3	19.1	18.7	18.4	72	64	89	75	12.8	624.0	
18	18.1	18.3	18.2	18.2	75	62	87	75	13.0	448.0	
19	16.0	17.3	16.8	16.7	70	58	78	69	12.3	352.0	
20	13.8	15.4	14.6	14.6	61	54	68	61	10.2	432.0	
21	13.8	15.3	14.4	14.5	53	55	71	60	11.7	464.0	
22	15.3	15.1	15.4	15.3	66	54	75	65	13.3	344.0	
23	16.2	18.2	18.0	17.5	69	63	86	73	13.2	296.0	
24	17.4	18.3	19.4	18.4	72	64	88	75	12.9	184.0	
25	18.7	19.9	18.8	19.1	74	68	82	75	13.4	136.0	
26	17.9	19.7	19.0	18.9	68	64	84	72	12.8	310.0	
27	18.0	19.6	19.0	18.9	73	65	84	74	12.5	488.0	
28	18.0	19.2	18.8	18.7	70	61	84	72	13.2	320.0	
29	19.5	19.4	20.3	19.7	79	60	91	77	13.0	224.0	
30	18.9	20.6	21.5	20.3	75	63	89	76	13.3	304.0	
	16.36	17.36	16.94	16.90	70.3	61.1	81.8	71.2	12.91	348.90	

Height of Barometer above sea level: 33.7 meters.

„ „ Thermometers above ground:

Dry and wet 1.55 m.: Max. 1.75 m.: Min. 1.70 m.

Rim of Rain Gauge: above ground 0.56 m.; above sea level 30.31 m.

Time of readings minus 3 hours equals G.C.T.

62 year averages are for period, 1875-1936

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Date	Clouds Clear—0 Overcast—10				Direction and force of wind Beaufort scale			Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30		
1	5cu	1cu	0	2.0	3sw	3sw	2sw	mod.	tr. of rain & fog ov'r
2	0	0	0	0.0	1w	2nw	0	slight	mts. a.m.
3	0	0	0	0.0	1n	2n	2n	light	
4	0	0	0	0.0	2ne	2n	1n	"	
5	0	0	0	0.0	1n	1n	1n	"	
6	0	0	0	0.0	0	2n	1n	light	
7	0	0	0	0.0	3sw	3sw	0	slight	f. over mts. a.m.
8	0	0	0	0.0	2sw	2sw	0	"	
9	0	0	0	0.0	1sw	1n	0	light	
10	0	0	0	0.0	1n	2n	0	calm	
11	0	0	0	0.0	2sw	2sw	0	light	
12	2cu	0	0	0.7	2sw	2sw	0	"	
13	0	1cu	0	0.3	0	1sw	0	celm	
14	0	0	0	0.0	3sw	3sw	2sw	light	w. at night
15	1cu	0	1cu	0.7	3sw	3sw	2sw	slight	
16	0	4cu	0	1.3	2sw	3sw	1sw	slight	h. & f. over mts.
17	0	0	0	0.0	3sw	3sw	1sw	light	
18	0	0	0	0.0	2sw	2sw	2sw	slight	
19	0	0	10cu	3.3	3sw	3sw	0	"	h. a.m.
20	6cu	1cu	9cu	5.3	3sw	3sw	3sw	"	" "
21	6cu	1cu	9cu	5.3	3sw	3sw	3sw	slight	
22	1cu	1cu	1cu	1.0	2sw	3sw	0	"	h. a.m.
23	0	1cu	0	0.3	1sw	2sw	0	"	h. all day
24	0	0	0	0.0	2sw	2sw	0	light	h. a.m.
25	0	0	0	0.0	1sw	1sw	0	calm	" "
26	0	1cu	0	0.3	1sw	2sw	0	light	
27	0	5cu	0	1.7	2sw	2sw	0	"	h. a.m.
28	2cu	0	0	0.7	1sw	2sw	0	"	
29	3cu	0	0	1.0	1sw	2sw	0	"	h. a.m.
30	0	0	0	0.0	1sw	2sw	1sw	calm	f. all day over mts
				0.79					

* Abbreviations :— G = gale; H = haze; M = mist; T = thunderstorm; D = dew.
W = strong wind.

NUMBER OF DAILY WIND OBSERVATIONS

Time	N	NE	E	SE	S	SW	W	NW	Calm	Total
8:30	3	1	0	0	0	23	1	0	2	30
14:30	6	0	0	0	0	23	0	1	0	30
20:30	4	0	0	0	0	9	0	0	17	30
Totals	13	1	0	0	0	55	1	1	19	90

Number of days with rain 0, fog 4, thunderstorms 0, gale 0.

62 yr. av. days with rain during month 0.8 days